

COLORADO OIL SHALE

Corehole: RETT (30'-656'2")

30'-47'	intbd. sltst. and oil shale, ylw.-gy. to lt. gy., calcite-filled frac. at 31', w. indur.
47'- 56'11"	oil shale, lt. gy. to dk. gy., fine-banded, w. indur., w/scat. carb. frgs.
56'11"- 66'11"	as above
66'11"- 77'8"	intbd. oil shale and sdy. sltst., lt. gy. to med. lt. gy., w/scat. carb. frgs., w. indur.; oil shale fine-banded; sltst. sl. calc.
77'8"- 87'9"	as above
87'9"- 97'8"	oil shale, lt. gy. to gy.-blk., fine-banded, w. indur., scat. carb. mat., occ. cavities filled w/analcite; filled frac. from 89'6" to 91' (near vert.)
97'8"- 110'6"	oil shale, lt. gy. to med. gy., fine-banded, and intbd. sltst. lt. gy., sdy., both w/scat. carb. frgs., w. indur.
110'6"- 124'6"	as above
124'6"- 141'3"	as above
141'3"- 154'9"	oil shale, lt. gy. to med. lt. gy., fine-banded, w/some flaser bedding and contorted banding; small cavity at 151'10" and 154'6", scat., small, plty., carb. frgs.
154'9"- 165'3"	as above
165'3"- 179'4"	as above
180'- 189'2"	as above
189'2"- 199'1"	oil shale, med. lt. gy. to lt. gy. (gy.-blk. from 193' to 195'), fine-banded, scat. carb. frgs., w. indur., w/filled frac. from 196'3" to 196'8"

199'1"- 210'3"	oil shale, lt. gy. to med. dk. gy., fine-banded, w. indur. w/vert. frac. (filled) from 206'6" to 209'
210'3"- 220'4"	as above, w/thin., scat. zns. containing asphaltic material from 212' to 220'
220'4"- 231'	as above, w/numerous asphaltic zns. from 221'6" to 223
231'- 241'	as above
241'- 249'6"	as above
249'6"- 261'6"	as above
261'6"- 271'1"	as above
271'1"- 281'10"	as above
281'10"- 293'5"	as above
293'5"- 302'9"	as above, w/frac., ox. zn. from 293'6" to 294'6" (random orientation to frac.)
302'9"- 311'5"	as above
311'5"- 322'4"	as above
322'4"- 337'7"	as above
337'7"- 352'3"	as above
352'3"- 368'11"	as above
377'7"	as above, w/calc. filled cavity at 369'
377'7"- 393'11"	oil shale med. lt. gy. to dk. gy., fine-banded., w. indur.
393'11"- 405'9"	as above

405'9"-	
415'1"	as above
415'1"-	
425'10"	oil shale, med. gy. to dk. gy., fine-banded, w. indur., w/v. thin., discon., carb. seams, and scat., thin, tuff. zns.
425'10"-	
436'	as above
436'-	
446'7"	as above
446'7"-	
457'6"	as above
457'6"-	
468'10"	as above
468'10"-	
480'1"	as above
480'1"-	
490'	as above, w/2" tuff. zn. at 487'7"
490'-	
499'9"	as above, w/fractured, ox. zn. at 496'5"
499'9"-	
509'6"	as above
509'6"-	
519'5"	as above
519'5"-	
529'4"	as above
529'4"-	
548'6"	as above
548'6"-	
569'1½"	as above, w/frac., ox. zns. from 559'8" to 560'10" (mahogany marker at 567')
569'1½"-	
590'4"	oil shale, med. lt. gy. to gy.-blk., fine-banded. w. indur.
590'4"-	
609'8"	as above, w/frac. zn. 1-2" thick at 593'4"
609'8"-	
629'3"	as above
629'3"-	
656'2"	as above